## **Engineering Articulation Agreement - Course Matrix**

Colorado State University		Chemical and Biological Engineering	Civil Engineering	Computer Engineering	Electrical Engineering	Environmental Engineering	Engineering Science	Mechanical Engineering
<u>Math</u>	<u>Credits</u>							
Calculus I	4	Х	Х	Х	Х	X	X	Х
Calculus II	4	Х	Х	Х	Х	Х	X	Х
Calculus III	4	Х	Х	Х	X	X	Х	X
Differential Eqs	4	X	X	Х	Х	X	X	Х
<u>Science</u>								
Calc-Based Physics I	5	X	Х	X	Х	Х	X	Х
Calc-Based Physics II	5	Х	Х	Х	Х	Х	X	Х
General College Chemistry I	4	Х	Х		Х	Х		Х
Chemsitry Lab 1	1	Х	Х			Х		Х
General College Chemistry II	3	Х	Х			Х		
Chemistry Lab 2	1	Х				Х		
Life Sciences I	4	Х				X		
Computer Science								
Foundations in Programming	4			Х	Х			
Object Orientated Programming	4			Х				
Problem Solving with C++.	4			Х				
Unix, C 1, C 2	3-4				Х			
Algorithms & Data Structures	4			Х				
General Engineering								
Statics	3		Х			X	Х	Х
Dynamics	3		Х			Х	Х	Х
Thermodynamics	3	X-CBE specific	Х			X	Х	
Intro to Electrical Engineering	3		Х				Х	Х